tained; whether the original time schedule will be adhered to and the requirement of the user industries will be met in accordance with their scheduled requirement?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI CHANDRA SHEKHAR SINGH): (a) No, Sir.

(b) It is expected that there will be no cost escalation in the execution of the project on account of the delay of about three months in taking the final decision on the award of the contract; Adequate indigenous content in the project is being ensured by way of participation of many Indian public and private undertakings. All efforts are being made to ensure that the pace of project implementation is maintained without let-up, the original time schedule is adhered to, and the gas requirements of user industries are met in accordance with their schedule.

Erection of captive power plants by CIL

533. SHRI RAMANAND YADAV: Will the Minister of ENERGY be pleased to state:

(a) whether there are proposals before the Coal India Limited to have captive power plants with a view to maintain the production target and regular power supply to its coal washery plants and projects of its different subsidiaries; and

(b) if so, how many captive power plants/projects Coal India Limited has decided to erect; which are the places where these captive power plants will be located and what will be the financial involvement?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) Yes, Sir.

(b) The details of the three captive power plants proposed to be set up in Coal India subsidiaries are given below:

Name of the Mine/Washery	Name of the coal Co.	Capacity of captive power plant	Amount Rs. crores
(1) Chinakuri mine	ECL	2×10 MW	
(2) Kathara-Kargali-Swang mines & washeries	CCL	2×10 MW	Rs. 147·60
(3) Moonidih mine & washery	BCCL	2×10 MW	

Production of power by private sector

534. SHRI THANGABAALU: Will the Minister of ENERGY be pleased to state:

(a) whether Government have given permission to private sectors to generate power; if so, how many parties have been given such permission to start power units in Tamilnadu and what are the names;

(b) what would be the total kilowatt of power they will produce and by when those projects will be completed; and

(c) if so, whether it is a deviation from our original policy in this regard?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) Apart from the already existing private sector Power Utilities, no new pri-

vate enterprise has been accorded permission to set up a utility power generating station.

(b) and (c) Do not arise.

Electronic application in Coal Mining

535. SHRI PARVATHANENI UPENDRA: Will the Minister of ENERGY be pleased to state:

(a) whether there is a proposal under Government's consideration to introduce electronic applications in Coal Mining in collaboration with the United Kingdom;

(b) if so, what would be the increase in productivity of coal, likely investment and the time by when the project will be completed; and

(c) the details of the terms and conditions of the collaboration arrangement being finalised?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) to (c) A proposal to introduce mining electronic applications in JK Nagar underground coal mine of Eastern Coalfields Limited with UK assistance is under consideration. The introduction of electronic applications is expected to contribute to higher productivity, better safety and better communications. The electronification project is expected to be completed in the year 1988. Terms and conditions of the agreement with UK have yet to be finalised.

Private participation for setting up of Mangalore Refinery Petrochemical Complex and Karnal Refinery

536. SHRI YALLA SESI BHUSHANA RAO: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that the Mangalore refinery and petrochemical complex and the Karnal refinery are proposed to be set up in the joint sector with private participation;

(b) if so, the extent of proposed private participation and Government's participation in the euqity of these refineries;

(c) the proposed installed capacities of the Mangalore refinery and the Karnal refinery and of the petrochemical complex of these two refineries; and

(d) whether there are proposals for setting up any other refineries in the joint sector with private participation in equity, if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI CHANDRA SHEKHAR SINGH): (a) It is proposed to explore the possibility of setting up these refineries in the joint sector.

(b) The proposed participation of the public sector undertakings will be 26 per cent.

(c) The proposed capacity of Mangalore refinery is 3 million tonnes per annum with a naptha cracker. The proposed installed capacity of the Karnal refinery is 6 million tonnes per annum.

(d) None at present.

Welfare measures for coal mines workers

537. SHRI GURUDAS DAS GUPTA:
SHRI CHATURANAN MISHRA:

Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that a number of welfare measures were to be executed for the Coal Mines workers according to the National Coal Wage Agreement-III;

(b) if so, what are the details thereof;

(c) whether these measures have executed; and

(d) if not, the reasons therefor?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) Yes, Sir.

(b) to (d) Position of implementation of various welfare measures by Coal India Limited is as under:--